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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603611M: Marine Corps Assault Vehicles							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	256.042	292.217	242.765	0.000	242.765	179.041	94.026	51.428	25.660	Continuing	Continuing
0020: AAVV	256.042	292.217	242.765	0.000	242.765	179.041	94.026	51.428	25.660	Continuing	Continuing
A. Mission Description and Budget Item Justification											
This Program Element (PE) includes funds for the Expeditionary Fighting Vehicle (EFV) Program which will field a successor to the Marine Corps' current amphibious vehicle, the Assault Amphibious Vehicle Model 7A1 (AAV7A1). The EFV will provide the principal means of tactical surface mobility for the Marine Air Group Task Force (MAGTF) during both ship-to-objective maneuvers and sustained combat operations ashore. The EFV will provide the Marine Corps with the capability to execute the full spectrum of military missions from humanitarian operations to conventional combat operations. The EFV replaces the AAV7A1 Vehicle, which was originally fielded in the early 1970s. The EFV is a self-deploying, high-water speed, amphibious, armored, tracked vehicle capable of operating in all weather as well as Nuclear, Biological, and Chemical (NBC) environments.											
B. Program Change Summary (\$ in Millions)											
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total						
Previous President's Budget	255.264	293.466	0.000	0.000	0.000						
Current President's Budget	256.042	292.217	242.765	0.000	242.765						
Total Adjustments	0.778	-1.249	242.765	0.000	242.765						
• Congressional General Reductions		-1.218									
• Congressional Directed Reductions		0.000									
• Congressional Rescissions	0.000	-0.031									
• Congressional Adds		0.000									
• Congressional Directed Transfers		0.000									
• Reprogrammings	0.778	0.000									
• SBIR/STTR Transfer	0.000	0.000									
• Program Adjustments	0.000	0.000	242.765	0.000	242.765						
Change Summary Explanation											
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: <i>Marine Corps Assault Vehicles</i>				<b>PROJECT</b> 0020: AAVV			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0020: AAVV	256.042	292.217	242.765	0.000	242.765	179.041	94.026	51.428	25.660	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</b> <p>This Program Element (PE) includes funds for the Expeditionary Fighting Vehicle (EFV) Program which will field a successor to the Marine Corps' current amphibious vehicle, the Assault Amphibious Vehicle Model 7A1 (AAV7A1). The EFV will provide the principal means of tactical surface mobility for the Marine Air Group Task Force (MAGTF) during both ship-to-objective maneuvers and sustained combat operations ashore. The EFV will provide the Marine Corps with the capability to execute the full spectrum of military missions from humanitarian operations to conventional combat operations. The EFV replaces the AAV7A1 Vehicle, which was originally fielded in the early 1970s. The EFV is a self-deploying, high-water speed, amphibious, armored, tracked vehicle capable of operating in all weather as well as Nuclear, Biological, and Chemical (NBC) environments.</p> <p>The EFV program is a ACAT-1D program managed by the Marine Corps. The EFV is the next generation of Marine Corps Assault Vehicles being developed to satisfy the requirements of the 21st Century Marine War Fighters. Along with the Landing Craft Air Cushion (LCAC) and the MV-22 Osprey, the EFV will provide the Marine Corps with the tactical mobility assets required within the Expeditionary Maneuver Warfare capstone. Acquisition of the EFV is critical to the Marine Corps. The total EFV requirement is for 573 weapon systems.</p> <p>The program received approval to enter the System Development and Demonstration (SDD) Phase of the acquisition process during the Milestone II Defense Acquisition Board Readiness Meeting held on 26 November 2000. All program exit criteria were successfully met or exceeded. The initial SDD Phase (2001 through 2008) included validation of manufacturing and production processes, fabrication and testing of SDD vehicles, and finalizing and implementing the Life Cycle Management for EFV. A follow-on SDD Phase beginning in FY 2008 includes continued design, development, and reliability upgrades; increased RAM testing; modification of existing SDD prototypes; and manufacture and testing of seven additional SDD prototype vehicles.</p>											
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>						
Design development, developmental testing, operational testing, and survivability program.	211.540	239.518	178.817	0.000	178.817						

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603611M: Marine Corps Assault Vehicles		PROJECT 0020: AAAV		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: Continued engineering and logistics efforts to support design development, manufacturing planning, and design enhancements of the EFV(P) and EFV(C) designs. Continued the EFV survivability program. Continued developmental and reliability test support, and design, integration and testing of MS-C OA identified modifications. Continued design and development of follow-on reliability enhancements, subsystem design modificaitons, and modification of existing vehicles integrating reliabililty design changes. Procured test spares. Continued design, development and manufacture of new SDD prototypes.						
FY 2010 Plans: Continue engineering and logistics efforts to support design development, manufacturing planning, and design enhancements of the EFV(P) and EFV(C) designs. Continue the EFV survivability program. Continue developmental and reliability test support, and design, integration and testing of MS-C OA identified modifications. Continue development of Integrated Electronic Technical Manuals (IETMs). Continue Developmental Testing (DT) and begin Reliability Growth Testing (RGT). Continue design and development of follow-on reliability enhancements, subsystem design modifications, and modification of existing vehicles integrating reliability design changes. Procure test spares. Continue design, development and manufacture of new SDD prototypes, and begin delivery of prototype vehicles.						
FY 2011 Base Plans: Continue engineering and logistics efforts to support design development, manufacturing planning, and design enhancements of the EFV(P) and EFV(C) designs. Continue the EFV survivability program. Continue development of Integrated Electronic Technical Manuals (IETMs). Continue Developmental Testing (DT) and Reliability Growth Testing (RGT). Continue design and development of follow-on reliability enhancements, subsystem design modifications, and modification of existing vehicles integrating reliability design changes. Procure test spares. Support Operational Assessment (OA) of SDD prototypes. Continue system verification (SV) testing and test support, as well as						

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603611M: Marine Corps Assault Vehicles		PROJECT 0020: AAAV		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
design, integration and testing of modifications identified as part of MS-C OA or SV testing. Begin development of Applique Armor.						
Perform developmental testing, operational testing, RAM-D testing, Reliability Growth testing.  FY 2009 Accomplishments: Performed developmental/operational testing and RAM-D testing.  FY 2010 Plans: Continue to perform developmental/operational testing and RAM-D testing. Begin Reliability Growth Testing (RGT).  FY 2011 Base Plans: Continue to perform developmental/operational testing and RGT. Perform Operational Assessment (OA).		8.012	9.420	14.994	0.000	14.994
Provide program support for training development, technical publications and IETMS.  FY 2009 Accomplishments: Provided program support for training systems development and technical publications and IETMS; developed training systems courseware.  FY 2010 Plans: Provide program support for training systems development and technical publications and IETMS; development of training systems courseware.  FY 2011 Base Plans: Provide program support for training systems development and technical publications and IETMS; development of training systems courseware. Increased funding for development of Trainers/ Simulators.		1.764	9.135	16.531	0.000	16.531

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603611M: Marine Corps Assault Vehicles		PROJECT 0020: AAAV		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Contractor Support  FY 2009 Accomplishments: Provided contractor technical, engineering and management support for program planning, analysis and execution. Provided software design, development and integration support.  FY 2010 Plans: Provide contractor technical, engineering and management support for program planning, analysis and execution. Continue to provide software design, development and integration support.  FY 2011 Base Plans: Provide contractor technical, engineering and management support for program planning, analysis and execution. Continue to provide software design, development and integration support.		16.098	14.952	17.185	0.000	17.185
In-house Support  FY 2009 Accomplishments: Provided In-house technical engineering and integrated logistics support for program planning, analysis and execution. Procured ammunition in support of the EFV test program. Performed In-house software design, development, and analysis efforts.  FY 2010 Plans: Provide In-house technical engineering and integrated logistics support for program planning, analysis and execution. Procure ammunition in support of the EFV test program. Perform In-house software design, development, and analysis efforts.  FY 2011 Base Plans: Provide In-house technical engineering and integrated logistics support for program planning, analysis and execution. Procure ammunition in support of the EFV test program. Perform In-house software design, development, and analysis efforts.		18.628	19.192	15.238	0.000	15.238

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy							<b>DATE:</b> February 2010				
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: <i>Marine Corps Assault Vehicles</i>			<b>PROJECT</b> 0020: AAHV					
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
						<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	
Accomplishments/Planned Programs Subtotals						256.042	292.217	242.765	0.000	242.765	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• PANMC/147500: <i>EFV</i>	0.000	0.000	0.000	0.000	0.000	7.161	6.684	8.495	10.348	Continuing	Continuing
• PMC/BA2/202200: <i>EFV Regular Procurement</i>	0.000	0.000	0.000	0.000	0.000	66.605	457.673	563.551	577.300	9,690.537	11,550.560
• PMC/BA7 700000: <i>Initial EFV Spares</i>	0.000	0.000	0.000	0.000	0.000	17.382	21.307	21.867	22.453	424.749	508.259
<b>D. Acquisition Strategy</b>											
<p>The EFV Program acquisition strategy includes the extensive use of test assets, models, simulation, and advanced technology research to optimize vehicle design, reduce Total Ownership Cost (TOC), and control vehicle unit cost. Three fully functional PDRR prototypes were developed and have undergone extensive developmental testing to further vehicle maturity. During the initial SDD phase of the program, nine prototype vehicles were manufactured and tested extensively in developmental and operational tests. A tenth vehicle was manufactured for use during Full Up System Level Lethality testing. A follow-on SDD phase contract was awarded in Jul 08 to incorporate major reliability modifications into existing prototypes, and manufacture and test seven new SDD prototypes. Low Rate Initial Production (LRIP) is scheduled to begin in FY13. Initial Operational Capability (IOC) and Full Operational Capability (FOC) will occur in FY16 and FY26, respectively. Cost as an independent variable (CAIV) has been institutionalized throughout the program and as such is an integral consideration in all trade studies and decisions. The program has had a highly integrated and extensive test approach since its inception which has included a very strong engineering-model and prototype testing program supported by extensive modeling and simulation techniques which is intended to continue throughout SDD. The program office management strategy includes planning for life cycle support once the system is fielded to more efficiently manage and optimize operating and support requirements and reduce overall program cost.</p> <p>The EFV management strategy is event driven, designed to ensure a logical progression through the EFV acquisition to reduce risk, ensure affordability, and provide adequate information to decision makers regarding acquisition progress. The EFV Program team is a partnership of government and industry experts, committed to developing the most versatile</p>											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy		<b>DATE:</b> February 2010
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: <i>Marine Corps Assault Vehicles</i>	<b>PROJECT</b> 0020: <i>AAAV</i>
<p>combat vehicle, providing the optimum balance of combat effectiveness, affordability, innovation, and technology. The program Integrated Product Teams (IPTs), composed of contractors, sub-contractors, Marines, and government civilians, are the foundation of the EFV acquisition management process. The government, prime contractor, and major subcontractors are co-located in a highly integrated communication environment that facilitates proactive decision-making processes and flexible execution of plans to support these team and products developments.</p> <p>The program's contracting approach for the EFV is to award the vast majority of the work to one prime contractor, competitively selected in 1996. GDLS operating through its division General Dynamics Amphibious System will be responsible for designing and producing the vehicle and providing support for testing from PDRR through LRIP. Contracts for Government Furnished Property will be kept to a minimum and will include only property which could not otherwise be available to the contractor. Local Area Network support contract is currently provided by an 8(a) firm. Contract support for programmatic and technical support was competitively awarded in December 2008 as a firm fixed price contract and will continue through FY11.</p> <p><b><u>E. Performance Metrics</u></b></p> <p>Milestone Reviews</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: Marine Corps Assault Vehicles				<b>PROJECT</b> 0020: AAAV					
<b>Product Development (\$ in Millions)</b>													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PDRR Contract	C/CPAF	GDLS Woodbridge, VA	399.703	0.000		0.000		0.000		0.000	Continuing	Continuing	Continuing
System Design and Development	SS/Various	GDLS Woodbridge, VA	1,678.336	236.390	Oct 2009	163.993	Oct 2010	0.000		163.993	0.000	2,078.719	Continuing
Other Product Development	Various/ TBD	TBD TBD	0.000	2.329	Mar 2010	13.940	Mar 2011	0.000		13.940	Continuing	Continuing	Continuing
Follow On Product Development	Various/ TBD	TBD TBD	0.000	0.000		0.029		0.000		0.029	Continuing	Continuing	Continuing
Regenerative Filtration	C/CPAF	Army Edgewood Chem/ Bio Center	3.327	0.000		0.000		0.000		0.000	0.000	3.327	Continuing
Survivability Contract	Various/ Various	NSMA Arlington, VA	28.509	0.799	Jun 2010	0.855	Jun 2011	0.000		0.855	Continuing	Continuing	Continuing
Display Technology	SS/CPFF	ISR Corp Baltimore, MD	1.640	0.000		0.000		0.000		0.000	0.000	1.640	Continuing
Intelligent Machining of Advanced Defense Materials	SS/FFP	GDLS Woodbridge, VA	2.914	0.000		0.000		0.000		0.000	0.000	2.914	Continuing
Digital Facsimile Upgrade	SS/FFP	GD C4S Taunton, MA	2.816	0.000		0.000		0.000		0.000	0.000	2.816	Continuing
<b>Subtotal</b>			2,117.245	239.518		178.817		0.000		178.817			
<b>Remarks</b>													

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: Marine Corps Assault Vehicles				<b>PROJECT</b> 0020: AAAV						
Support (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Integrated Logistics Support	Various/ Various	Various Various	20.723	2.114	Mar 2010	4.015	Mar 2011	0.000		4.015	Continuing	Continuing	Continuing	
Training Devices/ Simulators	Various/ Various	Various Various	53.489	8.784	Jan 2010	16.081	Jan 2011	0.000		16.081	Continuing	Continuing	Continuing	
Tech Data & Pubs Development	Various/ Various	Various Various	1.171	0.350	Mar 2010	0.450	Mar 2011	0.000		0.450	Continuing	Continuing	Continuing	
Support Equipment Development	Various/ Various	Various Various	0.431	0.002	Nov 2009	0.000		0.000		0.000	Continuing	Continuing	Continuing	
Subtotal			75.814	11.250		20.546		0.000		20.546				
Remarks														
Test and Evaluation (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Developmental, Operational and Live Fire Test & Evaluation	Various/ Various	Various Various	103.622	9.420	Mar 2010	14.994	Mar 2011	0.000		14.994	Continuing	Continuing	Continuing	
Subtotal			103.622	9.420		14.994		0.000		14.994				
Remarks														

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2011 Navy</b>											<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: <i>Marine Corps Assault Vehicles</i>				<b>PROJECT</b> 0020: <i>AAAV</i>						
<b>Management Services (\$ in Millions)</b>														
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>				
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
Engineering and Technical Services	Various/ Various	Various Various	51.138	7.637	Mar 2010	10.222	Mar 2011	0.000		10.222	Continuing	Continuing	Continuing	
Management Support Services	Various/ Various	Various Various	59.273	6.850	Dec 2009	6.495	Dec 2010	0.000		6.495	Continuing	Continuing	Continuing	
Studies and Analyses	Various/ Various	Various Various	0.597	0.465	Mar 2010	0.468	Mar 2011	0.000		0.468	Continuing	Continuing	Continuing	
In-House Technical Support	Various/ Various	Various Various	134.457	15.370	Jun 2010	9.363	Jun 2011	0.000		9.363	Continuing	Continuing	Continuing	
Program Management Support	Various/ Various	Various Various	23.392	0.372	Mar 2010	0.325	Mar 2011	0.000		0.325	Continuing	Continuing	Continuing	
Travel	Various/ Various	Various Various	6.167	1.335	Sep 2010	1.535	Sep 2011	0.000		1.535	Continuing	Continuing	Continuing	
<b>Subtotal</b>			275.024	32.029		28.408		0.000		28.408				
<b>Remarks</b>														
			<b>Total Prior Years Cost</b>	<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
<b>Project Cost Totals</b>			2,571.705	292.217		242.765		0.000		242.765				
<b>Remarks</b>														

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DATE: February 2010

## R-1 ITEM NOMENCLATURE

PE 0603611M: *Marine Corps Assault Vehicles*

## 0020: AAVV

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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2011 Navy</b>			<b>DATE:</b> February 2010
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603611M: <i>Marine Corps Assault Vehicles</i>	<b>PROJECT</b> 0020: <i>AAAV</i>	

**Schedule Details**

<b>Event</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
MS C	1	2012	1	2012
Operational Assessments	2	2011	3	2011
Developmental II & RAM-D Testing	1	2009	1	2010
CDR	1	2009	1	2009
LRIP Contract Award	1	2013	1	2013
LRIP Deliveries Lot 1	3	2014	3	2015
LRIP Deliveries Lot 2	3	2015	4	2015
IOT&E	4	2015	4	2015
Full Up System Level Live Fire Test	4	2014	4	2015
Ready for Training	2	2015	2	2015

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